



SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT: Stevens, Fred J.
Argon, Yair
Davis, David P.
Raffen, Rosemarie

(ii) TITLE OF INVENTION: Fibril-Blocking Peptide, A Method for Preventing Fibril Formation

(iii) NUMBER OF SEQUENCES: 13

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: CHERSKOV & FLAYNIK
(B) STREET: 20 N. Wacker Drive
(C) CITY: Chicago
(D) STATE: Illinois
(E) COUNTRY: United States
(F) ZIP: 60606

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: CD-R, 700 MB storage
(B) COMPUTER: PC
(C) OPERATING SYSTEM: Microsoft Windows XP
(D) SOFTWARE: Wordperfect

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: 09/712,819
(B) FILING DATE: 2000-NOV-13

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: U.S. 60/165,424
(B) FILING DATE: 1999-NOV-14

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Cherskov, Michael J.
(B) REGISTRATION NUMBER: 33,664
(C) REFERENCE/DOCKET NUMBER: 0003/00537

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: (312) 621-1330
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(2) INFORMATION FOR SEQ ID NO: 1:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 7 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: Single
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

Phe Thr Leu Thr Ile Ser Ser
1 5

(2) INFORMATION FOR SEQ ID NO: 2:

- (i) SEQUENCE CHARACTERISTICS:
- (A) LENGTH: 7 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: Single
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

Thr Arg Ile Phe Ser Lys Leu
1 5

(2) INFORMATION FOR SEQ ID NO: 3:

- (i) SEQUENCE CHARACTERISTICS:
- (A) LENGTH: 7 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: Single
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

Phe Tyr Gln Leu Ala Leu Thr
1 5

(2) INFORMATION FOR SEQ ID NO: 4:

- (i) SEQUENCE CHARACTERISTICS:
- (A) LENGTH: 8 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: Single
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

Pro Lys Leu Leu Ile Tyr Trp Ala
1 5

(2) INFORMATION FOR SEQ ID NO: 5:

- (A) LENGTH: 7 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: Single

(D) TOPOLOGY: linear
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

Thr Asp Phe Thr Leu Thr Ile
1 5

(2) INFORMATION FOR SEQ ID NO: 6:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 7 amino acids
(B) TYPE: amino acid
(C) STRANDEDNESS: Single
(D) TOPOLOGY: linear
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

Phe Thr Leu Lys Ile Ser Arg
1 5

(2) INFORMATION FOR SEQ ID NO: 7:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 9 amino acids
(B) TYPE: amino acid
(C) STRANDEDNESS: Single
(D) TOPOLOGY: linear
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

Thr Asp Phe Thr Leu Thr Ile Ser Ser
1 5

(2) INFORMATION FOR SEQ ID NO: 8:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 11 amino acids
(B) TYPE: amino acid
(C) STRANDEDNESS: Single
(D) TOPOLOGY: linear
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

Tyr Gly Arg Lys Lys Arg Arg Gln Lys Lys Lys
1 5 10

(2) INFORMATION FOR SEQ ID NO: 9:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 29 amino acids
(B) TYPE: amino acid
(C) STRANDEDNESS: Single
(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

Tyr Glu Arg Lys Lys Arg Arg Gln Arg Arg Arg Ser Gly Ser Gly
1 5 10 15
Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Ala Glu Asp
20 25

(2) INFORMATION FOR SEQ ID NO: 10

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 29 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: Single
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:

Tyr Glu Arg Lys Lys Arg Arg Gln Arg Arg Arg Ser Gly Ser Gly
1 5 10 15
Thr Asp Ala Thr Ala Pro Ala Ser Ser Leu Gln Ala Glu Asp
20 25

(2) INFORMATION FOR SEQ ID NO: 11:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 4 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: Single
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:

Ala Leu Leu Asn

1

(2) INFORMATION FOR SEQ ID NO: 12:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 7 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: Single
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:

Phe Thr Leu Glu Ile Ser Arg

1 5

(2) INFORMATION FOR SEQ ID NO: 13:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 7 amino acids

(B) TYPE: amino acid
(C) STRANDEDNESS: Single
(D) TOPOLOGY: linear
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:

Leu Thr Leu Lys Leu Ser Arg
1. 5